

IN THE CLAIMS

Please amend the claims as indicated below.

1. (currently amended) A contoured structural member, comprising:  
at least one contoured inner layer comprising a composite material;  
at least one contoured outer layer comprising a composite material;  
wherein an outer surface of the structural member has a polygonal shape; and  
a composite overwrap located only on a portion of the outer surface containing the polygonal shape.
2. (original) The structural member of claim 1, wherein the structural member has a closed configuration.
3. (original) The structural member of claim 2, further comprising an interior region defined by an inner surface of the at least one inner layer.
4. (original) The structural member of claim 3, wherein the interior region is hollow, partially filled, or completely filled.
5. (original) The structural member of claim 3, wherein the at least one of the composite materials is formed from a prepreg material.
6. (original) The structural member of claim 5, wherein the prepreg material comprises a plurality of layers.
7. (original) The structural member of claim 6, wherein the plurality of layers have a plurality of fibers with an orientation ranging from 0 to about 90 degrees.
8. (previously presented) The structural member of claim 1, wherein the structural member has at least one end with at least one initiator not located near the at least one end.

9. (currently amended) The structural member of claim 1, wherein the composite overwrap is located only on ~~the outer surface~~ an end of the structural member ~~containing the polygonal shape~~.

10. (currently amended) A contoured structural member, comprising:  
at least one contoured inner layer comprising a composite material;  
at least one contoured outer layer comprising a composite material;  
wherein an outer surface of the structural member has a polygonal shape; and  
a composite overwrap located on a portion of the outer surface containing the polygonal shape and the composite overwrap ~~being~~ wrapped circumferentially.

11. (previously presented) A contoured structural member, comprising:  
at least one contoured inner layer comprising a reinforced resin matrix material;  
at least one contoured outer layer comprising a reinforced resin matrix material;  
wherein an outer surface of the structural member has a polygonal shape; and  
a composite overwrap collar is located only on the outer surface containing the polygonal shape.

12. (currently amended) The structural member of claim 11, wherein the composite overwrap collar reduces a secondary loading condition ~~on that portion~~ of the outer surface of the structural member where it is located.

13. (currently amended) A contoured structural member, comprising:  
at least one contoured inner layer comprising a reinforced resin matrix material;  
at least one contoured outer layer comprising a reinforced resin matrix material;  
wherein an ~~an~~ outer surface of the structural member has a polygonal shape; and  
a composite overwrap collar located on the surface containing the polygonal shape and the fibers of the composite overwrap being oriented circumferentially around the polygonal shape.

14. (currently amended) The structural member of claim 13, wherein the composite overwrap collar reduces a secondary loading condition ~~on that end portion~~ of the outer surface of the structural member where it is located.

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- 28. (canceled)
- 29. (canceled)

30. (currently amended) A contoured structural member made by the method comprising:  
providing at least one inner layer comprising a composite material;  
providing at least one outer layer over the at least one inner layer, the at least one outer layer comprising a composite material;  
connecting the at least one inner and outer layer to the at least one inner layer;  
providing an outer surface of the structural member with a polygonal shape; and  
providing a composite overwrap only on a portion the outer surface having the polygonal shape.

31. (previously presented) A contoured structural member made by the method comprising:  
providing at least one inner layer comprising a reinforced resin matrix material;  
providing at least one outer layer over the at least one inner layer, the at least one outer layer comprising a reinforced resin matrix material;  
connecting the at least one inner and outer layer to the at least one inner layer;

providing an outer surface of the structural member with a polygonal shape; and  
providing a composite overwrap collar over the outer surface having a polygonal shape.

32. (currently amended) A contoured structural member made by the method comprising:  
roll wrapping at least one inner layer comprising a reinforced resin matrix material over a  
substrate;

roll wrapping at least one outer layer over the at least one inner layer, the at least one  
outer layer comprising a reinforced resin matrix material;

connecting the at least one inner and outer layer to the at least one inner layer;

providing an ~~an~~ outer surface of the structural member with a polygonal shape; and

roll wrapping a composite overwrap collar over that surface having a polygonal shape.

33. (currently amended) A contoured structural member, comprising:

at least one contoured inner layer comprising a composite material;

at least one contoured outer layer comprising a composite material, wherein a surface of  
the outer layer has a polygonal shape; and

a composite overwrap on only a portion of that surface of the at least one outer layer,  
wherein the fibers of the overwrap are oriented circumferentially around the polygonal surface.

34. (currently amended) The structural member of claim 33, wherein the composite  
overwrap is located only on ~~that surface~~ an end of the at least one outer layer.

35. (new) A contoured structural member, comprising:

at least one contoured inner layer comprising a composite material;

at least one contoured outer layer comprising a composite material; and

wherein a portion of an outer surface of the structural member has a polygonal shape and  
has a composite overwrap collar.

36. (new) The structural member of claim 35, wherein that portion of the outer surface  
with the composite overwrap is located near an end of the structural member.

37. (new) The structural member of claim 35, wherein the composite overwrap collar reduces a secondary loading condition of the portion of the outer surface where it is located.

38. (new) The structural member of claim 35, wherein the composite overwrap collar comprises fibers that are oriented circumferentially around the polygonal shape.

39. (new) The structural member of claim 10, wherein that portion of the outer surface with the composite overwrap is located near an end of the structural member.

40. (new) The structural member of claim 10, wherein the composite overwrap collar reduces a secondary loading condition of the portion of the outer surface where it is located.

41. (new) The structural member of claim 11, wherein the composite overwrap collar is located near an end of the structural member.

42. (new) The structural member of claim 11, wherein the composite overwrap collar comprises fibers that are oriented circumferentially around the polygonal shape.

43. (new) The structural member of claim 13, wherein the composite overwrap collar is located near an end of the structural member.

44. (new) The structural member of claim 13, wherein the composite overwrap collar reduces a secondary loading condition of the outer surface where it is located.